

Title (en)
AGROCHEMICAL COMPOSITIONS

Title (de)
AGROCHEMISCHE ZUSAMMENSETZUNGEN

Title (fr)
COMPOSTIONS AGROCHIMIQUES

Publication
EP 2144499 A4 20130102 (EN)

Application
EP 08742793 A 20080411

Priority
• US 2008004721 W 20080411
• US 90764807 P 20070412

Abstract (en)
[origin: WO2008127661A1] Homogeneous stable liquid agrochemical concentrate formulations which form stable dilutions with water comprises biologically efficacious oil, water, agrochemical dissolved in the water to form concentrated aqueous electrolyte, a stabilizing surfactant, based on non-ionic or non-ionic and anionic or amphoteric surfactant, comprising oil compatible, electrolyte tolerant surfactant and water soluble, electrolyte tolerant surfactant and optionally a polyol component, are useful as tank mix adjuvants. The formulations combine biologically efficacious oil, e.g. crop oil, with an electrolyte agrochemical, particularly water soluble non-selective herbicide such as glyphosate, or electrolyte nutrients particularly water soluble inorganic fertilizers providing nutrients such as nitrogen, phosphorus, potassium or sulphur.

IPC 8 full level
A01N 25/00 (2006.01); **A01N 37/00** (2006.01); **C05G 3/60** (2020.01)

CPC (source: CN EP KR US)
A01N 25/00 (2013.01 - KR); **A01N 25/02** (2013.01 - CN EP US); **A01N 25/04** (2013.01 - CN); **A01N 25/06** (2013.01 - CN);
A01N 37/00 (2013.01 - KR); **C05G 3/00** (2013.01 - CN); **C05G 3/60** (2020.02 - CN)

C-Set (source: EP US)
A01N 25/02 + A01N 57/20

Citation (search report)
• [X] US 2005164887 A1 20050728 - KILLICK ROBERT W [AU], et al
• [XI] WO 2004080177 A2 20040923 - COGNIS CORP [US], et al
• [XII] US 6667276 B1 20031223 - MAIER THOMAS [DE], et al
• [A] US 6586366 B1 20030701 - AUDA MAHROUSSA [BE], et al
• See references of WO 2008127661A1

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US11166456B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008127661 A1 20081023; AR 065986 A1 20090715; AU 2008239638 A1 20081023; AU 2008239638 B2 20121206;
BR PI0810898 A2 20170502; CA 2682150 A1 20081023; CA 2682150 C 20141209; CN 101677527 A 20100324; CN 106083289 A 20161109;
CO 6220874 A2 20101119; EP 2144499 A1 20100120; EP 2144499 A4 20130102; KR 101953431 B1 20190228; KR 20100016447 A 20100212;
KR 20150085541 A 20150723; KR 20170117218 A 20171020; MX 2009011001 A 20100209; US 2010160168 A1 20100624;
US 9872490 B2 20180123

DOCDB simple family (application)
US 2008004721 W 20080411; AR P080101452 A 20080408; AU 2008239638 A 20080411; BR PI0810898 A 20080411; CA 2682150 A 20080411;
CN 200880015702 A 20080411; CN 201610384003 A 20080411; CO 09112329 A 20091009; EP 08742793 A 20080411;
KR 20097023541 A 20080411; KR 20157017709 A 20080411; KR 20177027834 A 20080411; MX 2009011001 A 20080411;
US 45077708 A 20080411